

Daniel Andres Jimenez Riveros, MSc-MA

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Professional Summary

Software Engineer and Data Scientist, former Amazon, specializing in machine learning, Natural Language Processing (NLP), and an enthusiast in Large Language Models (LLMs). Currently advancing a Master's in Computational Linguistics, highlighting a deep commitment to understanding and innovating in the field of AI-driven language technologies. Proficient in leveraging AWS for developing scalable, cutting-edge solutions.

Work Experience

AMAZON, Remote

Software Developer Engineer

July 2022 - August 2023

- Enhanced data analysis efficiency for 2,000+ data analysts by developing advanced interactive dashboards, significantly improving decision-making speed and accuracy using Javascript, ReactJS, D3.js, and Redux RTK.
- Empowered over 300 team leaders in the CSBI department with enhanced data accessibility by architecting and deploying scalable back-end services and implementing critical RESTful APIs using Typescript, ExpressJS, and NodeJS.
- Elevated product usability and design consistency by architecting and implementing creative UI/UX design systems, alongside generating detailed mockups and wireframes with Figma, facilitating streamlined development processes.

Business Intelligence Analyst

July 2021 - July 2022

- Achieved 85% accuracy in machine learning and deep learning models (regressions, time series, neural networks), improving operational decisions, utilizing Scikit-learn and Pytorch for training.
- Leveraged EDA insights using Python (Pandas, NumPy, Matplotlib, Seaborn, Altair, SQL) for strategic machine learning model selection and feature engineering, enhancing product optimization and development.
- Achieved a 50% reduction in data processing time, significantly accelerating project timelines by streamlining data preprocessing workflows with Python.

Information Technology Intern

January 2021 - July 2021

- Directly benefited over 9,000 Amazon employees with full-stack development of critical internal tools, significantly enhancing usability and productivity using JavaScript, Reactjs, Flask, Nodejs, HTML, and CSS.
- Spearheaded the design of intuitive UI components and icons with Figma, significantly improving user experience across four major internal applications.

AQSTICA S.A.S, Bogotá, Colombia

Data Analyst

February 2018 - November 2020

- Applied basic unsupervised learning techniques with Python(scikit-learn) to segment customers, driving targeted marketing and product improvements.
- Analyzed complex datasets using Python(Pandas, Numpy) to strategic decisions, boosting operational efficiency by 10% in revenue.
- Automated data cleaning and transformation with Python, SQL and MongoDB, enhancing data quality by 25% and cutting processing time by 40%.

Education

University of British Columbia, Vancouver, Canada - Master of Data Science in Computational Linguistics - Coursing

Universidad de los Andes, Bogotá, Colombia - Master in Information Technology - Bachelor in Industrial Engineering - Bachelor in Arts

Fundacion Universitaria Jorge Tadeo Lozano, Bogotá, Colombia - Graduate Diploma in Project Management

Awards & Achievements

- COLFUTURO Scholarship 2023
- Data Science for All (DS4A) 2018

Skills

Data science: Python, R, SQL, Pandas, Numpy, Matplotlib, Seaborn, Altair, Scikit-learn (Sklearn), Pytorch, Neural Networks, Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing(NLP) | **Software Development:** Flask, NodeJS, D3js, ReactJS, HTML, CSS, Redux, front-end, back-end, fullstack, Typescript, Javascript, Java, MongoDB, GitHub, Git, Algorithms, Data structures, Figma, Adobe XD, UI/UX | **Other:** AWS (EC2, S3, Lambda, API Gateway), CDK, CloudFormation, DynamoDb, SageMaker, C++, D3js, ThreeJS